



02-13-02

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Sector \$  
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Page 1 of 2

|                      |                   |  |
|----------------------|-------------------|--|
| Application Number   | 10/022,181        | <p>I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on February 11, 2002, under "EXPRESS MAIL" mailing label number EV 002152131 US, addressed to:</p> <p><b>Box Missing Parts</b><br/><b>Assistant Commissioner for Patents</b><br/><b>Washington D.C. 20231.</b></p> <p><i>Gina M. Husak</i><br/>Gina M. Husak</p> |
| Filing Date          | December 13, 2001 |  |
| First Named Inventor | Akira MATSUMOTO   |  |
| Art Unit             | 2874              |  |
| Examiner Name        | Not Assigned      |  |
| Confirmation No.     | 1080              |  |
| Attorney Docket No.  | 939 035           |  |

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

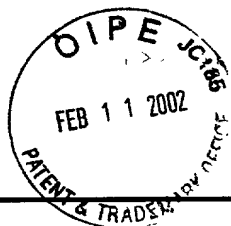
**COMPLETION OF FILING REQUIREMENTS**  
**— NONPROVISIONAL APPLICATION**

Sir:

1. ☒ This replies to the Notice to File Missing Parts of Nonprovisional Application mailed January 28, 2002.  
☒ A copy of the Notice to File Missing Parts of Nonprovisional Application—Filing Date Granted is enclosed.
2. **Declaration or Oath**  
☒ No Declaration or Oath was filed. Enclosed is the original Declaration or Oath for this application.
3. **Transmittal of English Translation of Non-English Language Papers**  
☐ Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.
4. **Other Papers Enclosed**  
☒ Replacement pages of specification (pp.1-15), claims (p.16), and abstract (p.17); the replacement pages contain no new matter.  
☒ Replace pages of drawings (4 pages: Figs. 1A-4B); the replacement pages contain no new matter.  
☒ An Assignment with Assignment Transmittal  
☒ Submission of Certified Copies of Priority Documents and 2 Japanese documents

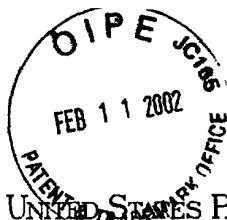
5. The filing fee has been calculated as shown below:

|   |              |              |      |           |           |
|---|--------------|--------------|------|-----------|-----------|
| <b>Basic Filing Fee</b> (37 CFR §1.16(a))   |              |              |      |           | \$ 740.00 |
| CLAIMS                                      | NUMBER FILED | NUMBER EXTRA | RATE |           |           |
| Total Claims                                | 2 - 20 =     | 0            | ×    | \$ 18.00  | \$ .00    |
| Indep. Claims                               | 2 - 3 =      | 0            | ×    | \$ 84.00  | \$ .00    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) |              |              | +    | \$ 280.00 | \$ .00    |



|  |           |
|--|-----------|
| <b>6. Surcharge Fees</b> (37 CFR 1.16(e))<br><input checked="" type="checkbox"/> late payment of filing fee and/or<br><input checked="" type="checkbox"/> late filing of original declaration or oath  | \$ 130.00 |
| <b>7. Extension of Time</b><br>a. <input checked="" type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.<br><b>OR</b><br>b. <input type="checkbox"/> Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. 1.17(a)(1)-(4), for the total number of months checked below:<br><input type="checkbox"/> One Month (37 CFR 1.17(a)(1)) ..... \$ 110.00<br><input type="checkbox"/> Two Months (37 CFR 1.17(a)(2)) ..... \$ 400.00<br><input type="checkbox"/> Three Months (37 CFR 1.17(a)(3)) ..... \$ 920.00 | \$        |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   | \$ .00    |
| <b>8. Small Entity Status</b><br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  | \$ .00    |
| <b>SUBTOTAL =</b>  | \$ .00    |
| <input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d))  | \$ .00    |
| <input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h))   | \$ 40.00  |
| <b>TOTAL FEES DUE =</b>  | \$ 910.00 |
| <b>9. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment</b><br><input checked="" type="checkbox"/> A check in the amount of \$910.00 is enclosed.<br><input type="checkbox"/> Charge Deposit Account 50-1446 in the amount of \$_____. Enclosed is a duplicate copy of this sheet.<br><input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 50-1446:<br>a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16.<br>b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17.<br>c. <input type="checkbox"/> Fees required under 37 CFR 1.18.  |           |

|                      |                 |           |                |              |                   |
|----------------------|-----------------|-----------|----------------|--------------|-------------------|
| <b>Submitted By:</b> |                 |           |                |              |                   |
| Name                 | Stephen P. Burr | Reg. No.  | 32,970         | Customer No. | 025191            |
|                      |                 | Telephone | (315) 233-8300 | Facsimile    | (315) 233-8320    |
| Signature            |                 |           |                | Date         | February 11, 2002 |

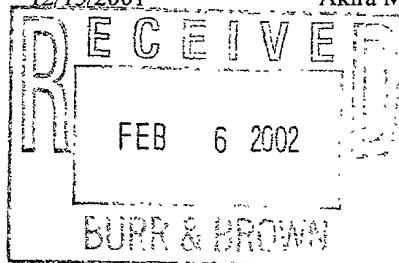


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/022,181         | 12/13/2001          | Akira Matsumoto       | 939_035                |

25191  
BURR & BROWN  
PO BOX 7068  
SYRACUSE, NY 13261-7068



CONFIRMATION NO. 1080

FORMALITIES LETTER



\*OC00000007379706\*

Date Mailed: 01/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 870.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52 because:
  - The specification cannot be scanned or properly stored. Page(s)

02/20/2002 MWOLDER1 00000094 10022181

01 FC:101  
02 FC:105

740.00 @P  
130.00 @P

Papers must be legibly written either by a typewriter or mechanical printer in permanent ink or its equivalent in portrait orientation on flexible, strong, smooth, non-shiny, durable, and white paper. Application papers must be presented in a form having sufficient clarity and contrast between the paper and the writing thereon to permit the direct reproduction of readily legible copies in any number by use of photographic, electrostatic, photo-offset, and microfilming processes and electronic reproduction by

Acid Citron

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**